

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :  
Bin Lu et al. : THIN FILM WITH EXCHANGE  
: COUPLING BETWEEN MAGNETIC  
: GRAINS OF THE THIN FILM  
Attorney Docket No. SEAG 63455 :

INFORMATION DISCLOSURE STATEMENT

November 19, 2003

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313

Sir:

Pursuant to the provisions of 37 CFR Sections 1.56, 1.97 and 1.98, Applicants submit herewith copies of the references cited on the attached Forms PTO/SB/08A and PTO/SB/08B for consideration during prosecution of this application.

This Statement is filed solely for the purpose of complying with the pertinent rules of the Office and is not intended to be a substitute for an independent evaluation by the Examiner of the art cited or an independent search by the Examiner, and no representation of any nature is made or intended by the filing of this Statement.

Respectfully submitted,



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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	1	of	1
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**Complete if Known**

Application Number

Filing Date

First Named Inventor

Bin Lu

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Art Unit

Examiner Name

Attorney Docket Number

SEAG 63455
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## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

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Examiner  
Signature

Date  
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				Application Number	
				Filing Date	
				First Named Inventor	Bin Lu
				Group Art Unit	
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Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		A. M. GOODMAN ET AL., "Smoothing Of Bit Transition Irregularity In Coupled Granular/Continuous Perpendicular Media", <i>Journal Of Applied Physics</i> , Vol. 91, No. 10, pp. 8064-8066, May 15, 2002	
		Y. SONOBE ET AL., "Coupled Granular/Continuous Perpendicular Recording Media With Soft Magnetic Underlayer", <i>Journal Of Applied Physics</i> , Vol. 91, No. 10, pp. 8055-8057, May 15, 2002	
		Y. SONOBE ET AL., "Thermally Stable CGC Perpendicular Recording Media With Pt-Rich CoPtCr And Thin Pt Layers", <i>IEEE Trans. On Mag.</i> , Vol. 38, No. 5, pp. 2006-2011, Sept. 2002	
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